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IS 8886-21 (1980): Ship's Ordinary Rectangular Windows,
Part XXI: Details of Hinge Pin [TED 17: Shipbuilding]



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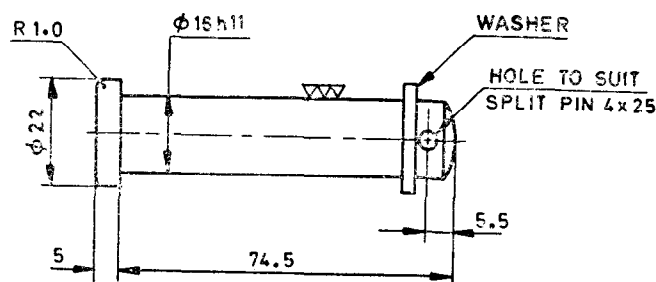


Indian Standard

SPECIFICATION FOR SHIPS' ORDINARY RECTANGULAR WINDOWS

PART XXI DETAILS OF HINGE PIN

1. **Scope** — Specifies the dimensions of hinge pin for heavy and light type windows except non-opening windows.
2. **Terminology** — For the purpose of this standard, the terms and definitions given in IS : 8886 (Part I)-1978 'Specification for ships' ordinary rectangular windows: Part I Types and dimensions' shall apply.
3. **Material** — The material used for the construction of hinge pin shall be according to IS : 8886 (Part II)-1978 'Specification for ships' ordinary rectangular windows: Part II General requirements'.
4. **Dimensions** — The dimensions of frame shall be as given in Fig. 1. For main dimensions of windows, see IS : 8886 (Part I)-1978.
5. **Tolerances** — The tolerances on dimensions shall conform to coarse series of IS : 2102-1969 'Allowable deviations for dimensions without specified tolerances (*first revision*)' except on those dimensions indicated in Fig. 1.



All dimensions in millimetres.

FIG. 1 DIMENSIONS OF HINGE PIN

6. **Workmanship** — All axle pins shall have a good finish and shall be free from tool marks.

Adopted 29 February 1980

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Price Rs 5.00

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EXPLANATORY NOTE

This standard is one of a series of Indian Standards on ships' rectangular windows. Other standards in the series are:

- Part I Types and dimensions
- Part II General requirements
- Part III Positioning
- Part IV Details of position of lugs for hinges and swing bolts and securing holes on the frame
- Part V Details of frame, inward opening, side hinged, heavy type bolted windows
- Part VI Details of frame, inward opening, side hinged, light type bolted windows
- Part VII Details of frame, inward opening, side hinged, heavy and light type welded windows
- Part VIII Details of frame, inward opening, top hinged, heavy type bolted windows
- Part IX Details of frame, inward opening, top hinged, light type bolted windows
- Part X Details of frame, inward opening, top hinged, heavy and light type welded windows
- Part XI Details of frame, non-opening, heavy type bolted windows
- Part XII Details of frame, non-opening, light type bolted windows
- Part XIII Details of frame, non-opening, heavy type welded windows
- Part XIV Details of frame, non-opening, light type welded windows
- Part XV Details of frame, outward opening, side hinged, heavy type bolted windows
- Part XVI Details of frame, outward opening, side hinged, light type bolted windows
- Part XVII Details of frame, outward opening, side hinged, heavy and light type welded windows
- Part XVIII Details of glass holder, inward opening, side hinged, heavy and light type bolted and welded windows
- Part XIX Details of glass holder, outward opening, side hinged, heavy and light type bolted and welded windows
- Part XX Details of glass holder, top hinged, heavy and light type bolted and welded windows
- Part XXI Details of hinge pin
- Part XXII Details of swing bolts and wing nuts

In the preparation of this standard assistance has been derived from the following:

ISO 3903-1977 Shipbuilding — Ships' ordinary rectangular windows. International Organization for Standardization (ISO)

DIN 81650-1967 Rectangular windows for ships, directives for construction. Deutsches Institut für Normung.